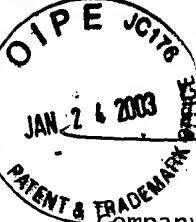


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1276302.ST25

SEQUENCE LISTING<110> Yeda Research and Development Company Ltd.<120> ASSAY FOR THE DIAGNOSIS OF SCHIZOPHRENIA BASED ON A NEW PEPTIDE<130> 1276302<140> 09/647,457<141> 2000-09-29<150> PCT/IL99/00190<151> 1999-09-29<150> 123925<151> 1998-04-02<160> 15 <170> PatentIn version 3.1<210> 1<211> 17<212> PRT<213> Unknown<220><223> an isolated peptide which binds antibodies.

<220><221> MISC_FEATURE<222> (1)..(17)<223> Xaa in position 1 is selected from the group consisting of SGETED TFIAD, IAD, AD, D and a direct bond; Xaa in position 9 is selected from the group consisting of C, G, and P; Xaa in position 15 is selected from the group consisting of AP, and PA; Xaa in position 17 is R, or a direct bond.

<400> 1

Xaa Leu Val Val Gly Leu Cys Thr Xaa Gln Ile Lys Thr Gly Xaa Cys
1 5 10 15

Xaa

<210> 2<211> 28<212> PRT<213> Unknown<220><223> being the immunologically active epitope

<400> 2

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu
1 5 10 15

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
20 25

<210> 3<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 3

Leu Val Val Gly Leu Cys Thr Cys Gln Ile Lys Thr Gly Pro Ala Cys
1 5 10 15

<210> 4<211> 20<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 4

Ile Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly
1 5 10 15

Ala Pro Cys Arg
20

<210> 5<211> 19<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated

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levels in body fluids of schizophrenic patients

<400> 5

Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala
1 5 10 15

Pro Cys Arg

<210> 6<211> 18<212> PRT<213> Unknown<220><223> peptide capable of binding
antibodies that are found in elevated
levels in body fluids of schizophrenic patients

<400> 6

Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro
1 5 10 15

Cys Arg

<210> 7<211> 17<212> PRT<213> Unknown<220><223> peptide capable of binding
antibodies that are found in elevated
levels in body fluids of schizophrenic patients

<400> 7

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys
1 5 10 15

Arg

<210> 8<211> 17<212> PRT<213> Unknown<220><223> peptide capable of binding
antibodies that are found in elevated
levels in body fluids of schizophrenic patients

<400> 8

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys
1 5 10 15

Arg

<210> 9<211> 17<212> PRT<213> Unknown<220><223> peptide capable of binding
antibodies that are found in elevated
levels in body fluids of schizophrenic patients

<400> 9

Leu Val Val Gly Leu Cys Thr Pro Gln Ile Lys Thr Gly Pro Ala Cys
1 5 10 15

Arg

<210> 10<211> 20<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 10

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu
1 5 10 15

Cys Thr Gly Gln
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<210> 11<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 11

Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
1 5 10 15

<210> 12<211> 12<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 12

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
1 5 10

El
Cont
<210> 13<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 13

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys
1 5 10 15

<210> 14<211> 15<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 14

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro
1 5 10 15

<210> 15<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

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E <400> 15

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys
1 5 10 15
